1	WITH DIVERSE ART-TYPE DEVICE	30	With explosive or combustible material
2	WITH SEPARATE DISTINCT DIVERSE	31	With fusible element (e.g.,
	ART-TYPE SWITCHING DEVICE	31	cutout means)
	(E.G., FLUID- OR MECHANICAL-	32	With grounding means
2	ACTUATED)	33	With common structural
3	.Bimetallic device with other	33	elements (e.g., fuse provides
4	.Fusible element device with		support or element of spark
_	other		gap structure)
5	Diverse art-type switching	34	Housing, casing, mounting or
	device responsive to the	31	support means
_	condition of fusible element	35	.Plural diverse similar art-type
6			devices in single switch
7	interrupting device	36	.With bimetallic elements (i.e.,
7	Multiphase of multipole	30	motion takes place in a plane
8	Manually operable mechanical device		at right angles to its major
9	Knife or blade switch		axis)
		37	With manual or other mechanical
10	Rotary or reciprocating mechanism		contact controlling means
1 1		38	Plural elements combined with
11	With multiple circuit connector		single mechanical means
	device (e.g., multiple	39	Independently operative
1.0	mechanical)		bimetallic elements
12	WITH DIVERSE ART-TYPE ACTUATOR FOR SINGLE SWITCH	40	Individually responsive to
13			diverse conditions or diverse
-	.Bimetallic with other		characteristics
14	ELECTROTHERMALLY ACTUATED	41	Multiple contact or plural
1 -	SWITCHES		circuit control means
15	.Shunt or short circuit	42	Plural switches
1.0	completion devices	43	With interlocking means
16	Bimetallic means	44	Selectively or alternately
17	Fusible material combined with		actuated
1.0	gap	45	Single multipole or polyphase
18	Gaseous space discharge gap		control device
19	<pre>(e.g., air gap)Gap with thin film dielectric</pre>	46	With common mechanical
19	(e.g., voltage-responsive)		actuating or tripping means
20	With significant housing or	47	With separate latching or
20	casing structure		tripping means in each phase
21	.Conductive fluid devices	48	With common trip-bar means
22	.Fluorescent lamp-starting	49	Slidable or reciprocal bar
22	devices	50	Rotatable
23	With significant heating means	51	Cyclically or periodically
24	With shunt or short-circuiting		actuated
21	means (for resistor)	52	With spring or other energy
25	Electric discharge means (e.g.,		storage device
23	electron-emissive)	53	Snap-action
26	With significant contact	54	With magnetic flux source
20	structure or composition		(e.g., magnetic armature)
27	Bimetallic element	55	With latching or holding
28	Space discharge device (gaps,		means
20	lightning arrester, etc.)	56	With reclosing or reset
29	Plural		means
ر ہے	14141	57	With adjusting or
			calibration means

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58	Compound motion means	87	Alternately or selectively
59	Toggle		actuated
60	Floating lever	88	Retarded or delayed type
61	Rotary or oscillatory motion	89	Snap-action
	device (e.g., spring motor)	90	With magnetic armature or
62	Reciprocating or slidable		holding means
	motion device	91	With reset means
63	With lost motion coupling	92	Cyclic or repetitively
03	means	22	operative (e.g., flashing)
64	With camming or wedging	93	With interval predetermining
04	means	93	or adjustment means
65		94	_
65	With contact guiding or	94	With operating range,
	alignment means	0.5	calibration or adjusting means
66	With push-button actuating	95	With plural or combined
	means		elements
67	With contact pressure	96	Responsive to diverse
	maintaining or adjusting means		conditions or of diverse
68	With direct contact separating		operative characteristics
	means (e.g., plunger camming	97	With switch structure
	means)		protective means
69	Independently operative	98	With contact operation
	(nontrip-free)		inhibiting means (e.g.,
70	Latch or latch-release means		meltable or magnetic)
71	Plural or responsive to	99	With voltage or ambient
	diverse effects		temperature compensation means
72	With reclosing or reset means	100	Auxiliary heating means
73	Automatic	101	Bimetallic means
74	Trip-free	102	With external or auxiliary
7 5	-	102	heating means
75	Bimetallic element unitary	103	With heater-adjusting,
7.6	with or comprising latch means	103	shunting or short-circuiting
76	Performs dual functions		means
	(e.g., main contact)	104	
77	With external or auxiliary	104	Plural heating means
	heater	105	With electrical power supply
78	Utilizing plural bimetallic		or current control means
	elements	106	Inductive means (e.g.,
79	With signal or indicating		transformer)
	means	107	Significant heating element
80	With mercury or other		structure or composition
	conductive liquid circuit	108	Arc or spark gap
	completion means	109	Contact composition or
81	Retarded or delayed action		structure
	type	110	With arc-suppression or blowout
82	With operating range		means
	calibration or adjustment	111	Bimetallic structure or
	means		composition of material
83	Comprising electric shunt or	112	Housing, casing or support
0.5	short-circuiting means		means
84	Comprising mechanical means	113	With external circuit
85		±±J	connection means
0.0	Bimetallic element unitary with	114	
	or directly actuates movable	11 4	.Expansible or vaporizable fluid-
0.6	contact means	115	actuated (e.g., mercury vapor)
86	Plural contacts or external	115	With manual or other mechanical
	circuit connection means		contact actuating means

116	<pre>Cyclically or periodically operative</pre>	146 147	Multipole or polyphaseSnap-action mechanical device
117	Utilizing diaphragm or bellows means	148	Reciprocal or rectilinear sliding motion actuating means
118	With restoring or resetting means		(e.g., spring loaded plunger or striker pin)
		1.40	
119	Utilizing capillary tube or bore means	149	Rotary or oscillatory motion device
120	With external heating means	150	Latching trip or holding means
	(external from fluid; may be the container)		(actuated by condition by fuse element)
121	With housing or casing	151	Ratchet and pawl
122	With contact or electrode	152	Thin film or resoldering
122	structure or material (e.g.,		(e.g., eutetic alloy)
	carbon)	153	With external or auxiliary
123	.With longitudinally expansible		heating means
	solid element (e.g., rod, wire	154	Tripping or release means
	strip, etc.)	155	With reclosing or reset means
124			_
124	With voltage or ambient	156	Manually operated shunting,
105	temperature compensation means		disconnect or load-break
125	With electrical shunting or		device
	short-circuiting means	157	Mechanical fuse link
126	With manual or other mechanical		rupturing means
	contact actuating means	158	Current limiting devices (e.g.,
127	With delayed action or timing		high voltage fuses)
	means	159	Comprising significant fuse
128	Latching or tripping means		link or element structure or
129	With adjustment or		arrangement
	calibration means	160	With fusible metal overlay
130	With reset or reclosing means		<pre>(e.g., alloy-forming)</pre>
131	Snap-action (e.g., bistable)	161	Plural elements
132	With toggle spring	162	With diverse characteristics
133	With stop means (e.g., motion	163	Delayed action (i.e., time lag)
	limiting)	164	Utilizing plural fusible
134	With magnetic biasing or		elements
	holding means	165	With biased direct circuit
135	With flexible vane or plate		opening means
136	With preset deformation	166	With heat absorption,
137	Contact structure or		conducting or storage means
	composition	167	Convertible (e.g., fused to
138	Cyclically or periodically		nonfused)
	operated (e.g., flasher)	168	Cutout or disconnect type (an
139	With significant expansible		assembly) of a fuse support
	element structure or		and fuse holder with or
	composition of material		without a fuse link)
140	Wire or other stranded element	169	With kickout means
141	With external or auxiliary	170	Fusible element controlled
	heating means	171	With dropout features (i.e.,
142	.Fusible element actuated		the fuse tube will be
143	With manual or other mechanical		separated, or drop away from,
110	contact control means		at least on the main circuit
144	Plural fuses combined with		contacts)
111	single mechanical means	172	Utilizing combined mechanical
145	Multiple contact or plural		motions (e.g., sliding with
エユン	circuit control means		pivotal)
	CITCUIL CONCIOI Means		-

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173	Utilizing sliding or	204	With oil or other liquid
	reciprocating motions	205	With locking, sealing or guard
174	With holding, latch or trip		means
	means	206	With operational condition
175	Combined latch or trip		indicating means
176	Fusible element controlled	207	With external support or
177	With fuse link extracting		attaching means (e.g., hook)
	means	208	With fuse carrier attachment
178	Spring biased		means
179	With delayed action	209	Adaptor means
180	Line terminal or contact	210	Combined with lockout or
	structure		other circuit closure
181	Directly connected by fusible		prevention means
	element (e.g., in line-type	211	With pull out or ejector
	fuse)		means (for tube)
182	With external or auxiliary	212	Door-supported
	heating means	213	Peculiarly adapted for
183	Resistive heater		cartridge fuse
184	Directly in series with or	214	\ldots .With clamping, latch, or
	completing controlled circuit		other attachment means
185	Comprising or including heat	215	Spring clip
	storage or accumulator means	216	Peculiarly adapted for plug-
186	Housing, casing or support means		<pre>type fuse carrier (e.g., fuse block)</pre>
187	With external circuit	217	Fuse link extraction or
107	connection means		expulsion means
188	Plural conductor connector	218	Combined with contact
200	means		structure
189	Distribution or load center	219	Spring means
207	type (e.g., plural outputs)	220	Pressure responsive
190	With fuse element tensioning	221	With electrical shunt circuit
	or clamping means		means (may also be fusible)
191	Cable or busbar attachment	222	With switch protective means
	means		(for fuse structure)
192	Socket or thimble	223	Against shock or recoil
193	Line tap, hook or clamp	224	Against corona (e.g., shield)
194	With relatively movable	225	With overfusing or tamper
	cooperative elements (e.g.,		prevention means
	pull out)	226	Special adaptor or other
195	With spring biasing means		selective means
196	Door or closure controlled	227	Fuse link carrier or holder
197	Plural diverse (e.g., male	228	Cartridge or tube
	and female connectors)	229	With plural fuse links or
198	Prong or blade (e.g., plug-		elements
	type housing)	230	Selectively or successively
199	With electrical ground, shield		insertable in common circuit
	or barrier	231	With fuse link attaching
200	Ceiling block fixture type		support or securing means
	(e.g., Rosette)	232	Soldered or brazed joint
201	With plural interfitting or	233	Rigid bar means
•	interlocking sections	234	Locking or clamping means
202	Bushing or insulator	235	Threaded screw or stud
203	With gaseous venting or	236	Wedging or camming means
	expulsion means (from the	237	Replaceable or readily
	housing)		interchangeable
	_		

238	With fuse link tensioning means	269	Plural diverse (e.g., male and female)
239	Spring or other energy storage means	270	Structure or composition of material
240	With strain member	271	Part of or structurally
241	With indicating or inspection		adapted for use with
	means		particular socket means
242	Glow lamp	272	With venting means
243	Chemical means	273	With arc suppression or
244	Movable or displaceable		extinguishing means
	element (e.g., plunger or	274	Plural (e.g., auxiliary fuse)
	semaphore)	275	With draw-out rod
245	With handle or other	276	Dielectric filler material or
	manipulating means		compound (e.g., quartz)
246	Cartridge or tube structure	277	Liquid (e.g., hydrocarbon)
	or material of construction	278	Dielectric gap or barrier
247	<pre>Plural tubes (e.g., telescoping)</pre>		<pre>means (e.g., wedging dielectric)</pre>
248	Ferrule, cap or other seal	279	Deionizing gas or vapor
210	means	2,7	generating material
249	With gas expulsion means	280	Cooling, condensing or
250	Venting, cooling or	200	absorbing means
250	deionizing	281	Blowout means (e.g., gaseous)
251	Contact or terminal structure	282	Arcing chamber or passage
252	Attaching or securing means	202	structure
232	(to the tube or to the fusible	283	Plural independent fuses
	element)	284	Selectively or sequentially
253	Locking, clamp or wedge means	201	inserted in same protected
254	Knife blade contact with	285	Automatic selective means
	slotted disk		(e.g., repeater type)
255	Plug	286	With delayed action
256	Plural fusible elements in a		selective means
	single carrier	287	Hydraulic or pneumatic
257	Selectively or successively	288	Transfer or interlock means
	insertable in protected	289	Rotary selector means
	circuit	290	Fusible link or element
258	Selection means	220	structure or material
259	Rotatable relatively	291	With strain-relief means
	movable	292	Plural series-connected
260	With fuse element attachment		conductive elements forming a
	or securing means		single link
261	Resilient biasing or	293	Plural parallel fusible
	retaining means		elements
262	Particularly adapted for specific fuse element	294	Continuous strand adapted for successive insertion in
263	Cartridge or capsule		protected circuit
200	enclosed	295	With particular geometrical
264	Readily replaceable or	273	shape or configuration
201	detachable element	296	Composite (e.g., with overlay)
265	With indicating means	297	With nonconductive core (e.g.,
266	Glow lamp or other	١ ر ۵	printed circuit)
200	incandescent means	298	THERMALLY ACTUATED SWITCHES
267	Plunger or semaphore type	299	.Plural diverse actuating means
268	Contact or terminal structure	۷)	in single switch

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200		200	
300	.Responsive to plural external	329	Contact structure or
	conditions (e.g., temperature		composition of material
201	and humidity)	330	With relative position
301	.With mechanical timing means	221	adjustment means
200	(e.g., clockwork)	331	Comprising conductive liquid
302	Periodic or cyclically		(e.g., mercury)
202	operative	332	With signaling, alarm or visual
303	With predetermined operative		indicator means
204	cycle adjusting means	333	.With bimetallic element
304	With predetermined operative temperature range	334	With manual or other mechanical contact control means
305	Utilizing cam or eccentric	335	Plural elements combined with
306	.Expansible or vaporizable fluid		single mechanical means
	actuated	336	Individually responsive to
307	Plural expansible elements with		diverse conditions or of
	single switch		diverse operating
308	Individually responsive to		characteristics
	diverse conditions or of	337	Multiple contact or plural
	diverse characteristics		circuit control means
309	Multiple contacts or external	338	Plural separate switches
	circuit completion means	339	With interlocking
310	Plural independent switches	340	With contacts selectively,
311	Selective, sequentially or		alternately or sequentially
	alternately actuated		actuated
312	With manual or other mechanical	341	With time-delay means
	contact control means	342	With spring or other energy
313	Combined or compound motion		storage means
	device	343	Snap-action
314	Reciprocating or sliding	344	With magnetic flux source
	motion		(e.g., magnetic armature)
315	Piston or plunger	345	With toggle linkage
316	Rotary or oscillatory motion	346	With frictional coupling or
	device		lost motion means
317	With spring or other energy	347	With adjusting or
	storage means		calibration means
318	Snap-action	348	With reset or reclosing
319	With adjusting, calibrating		means
	or compensating means	349	With contact biasing, pressure
320	With diaphragm or bellows		control or adjusting means
	structure	350	Compound motion means
321	Combined with capillary tube	351	Rotary or oscillatory motion
	or bore		means
322	With Bourdon tube	352	With frictional clutch drive
323	With operating range		means
323	calibration or adjustment	353	Including cam and follower
	means	354	Reciprocating or slidable
324	With auxiliary heater	331	motion means
325	With latching, locking or	355	Independently operative
223	holding means	356	Latch or latch-release means
326	Fluid or fluid pressure	357	Adjustable
220	generating means	358	With reclosing or reset means
327	Housing, casing or support	359	With recrossing of reset meansWith bimetallic element
241	means	232	
328	With pressure relief (e.g.,		comprising or unitary with latch
220	venting)		Taccii
	A C11C T11A /		

360	With operating range calibration or adjustment	389	Comprising resilient leaf spring
	means	390	Snap-action
361	Utilizing cam or roller	391	With flexible vane or plate
362	Bimetallic element unitary with or directly actuates contacts	392	With operating range calibration or adjusting means
363	Multiple contacts or external	393	
	circuit control means	393	Expansible solid structure or composition of material
364	Alternately or selectively	394	Rod, tube or cylinder
	actuated	395	Wire or stranded material
365	Snap-action	396	Diaphragm, strip or ribbon
366	With magnetic flux source	397	Plural deformable elements in
367	With reset means		single switch
368	With adjustment or	398	Housing, casing or support
	calibration means	323	means
369	Cyclically or repetitively	399	Contact or terminal structural
3 0 7	operative	322	or composition of material
370	With plural bimetallic	400	-
370	elements		With position adjustment means
271		401	.With fusible, combustible or
371	Of diverse operating	400	explosive material
	characteristics or responsive	402	With manual, gravity-actuated
0.70	to diverse conditions		or other mechanical contact
372	Element attachment or mounting		control means
	means	403	Automatic cutout or disconnect
373	Contact structure or		type
	<pre>composition of material (e.g., mercury)</pre>	404	With fusible element directly connecting contacts
374	With position adjusting means	405	With fusible element opening
375	Leaf spring with direct thrust element		the circuit (no mechanical contacts)
376	With signal or indicating means	406	Multiple contacts or plural
377	With auxiliary heating means	100	circuit control means
378	With compensation means (e.g.,	407	Utilizing spring or other
	ambient temperature)		energy
379	Bimetallic element structure or composition of material	408	<pre>Reciprocating or slidable motion device</pre>
380	Housing, casing or support	409	Plunger or piston
	structure	410	Rotatable
381	With significant external	411	Latch, trip or holding means
	circuit connection means	412	Plural independent fuse
382	.With longitudinally expansible solid element		elements with single circuit completion means
383	With plural contacts or	413	Contact structure or
	external circuit completion		composition of material
	means	414	Housing, casing or support
384	With manual or other mechanical		means
301	contact control means	415	Flexible or resilient
385	Latching or tripping means	416	Flexible of resilientFusible, link or element
386	Comprising mechanical	410	
300	advantage or force multiplying		structure or composition of material
205	means	417	DETAILS
387	Comprising frictional clutch or lost motion means		
388	With spring or other energy		
	storage means		

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